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July 1, 2002

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

RE: IB Docket No. 01-185 Ex Parte Notice

Dear Ms. Dortch:

On June 28, 2002, William F. Adler and David Weinreich of Globalstar, L.P., Phillip R. Marchesiello of Akin, Gump, Strauss, Hauer & Feld, L.L.P., representing the Official Committee of Unsecured Creditors of Globalstar, and the undersigned, representing Globalstar, L.P., participated in a meeting with Peter Tenhula, senior legal advisor to Chairman Michael K. Powell, regarding Globalstar, L.P.'s position on issues in the above-referenced docket, with particular reference to the Above 1 GHz MSS bands.

Globalstar, L.P., reiterated its belief that grant of ATC authority to MSS licensees would serve the public interest, and its opposition to severance of any part of the MSS spectrum for assignment to a separate ATC provider. The representatives of Globalstar, L.P., discussed the written response of Globalstar, L.P., filed in this docket on June 27, 2002, to certain technical comments in the record, in particular, the potential capacity of the ATC component of an MSS system, which is highlighted on the enclosed handout distributed at the meeting.

Pursuant to Section 1.1206(b)(2) of the Commission's Rules, this letter and the enclosure are being filed electronically over the Commission's Electronic Comment Filing System.

Respectfully submitted,

William D. Wallace

Enclosure

Federal Communications Commission

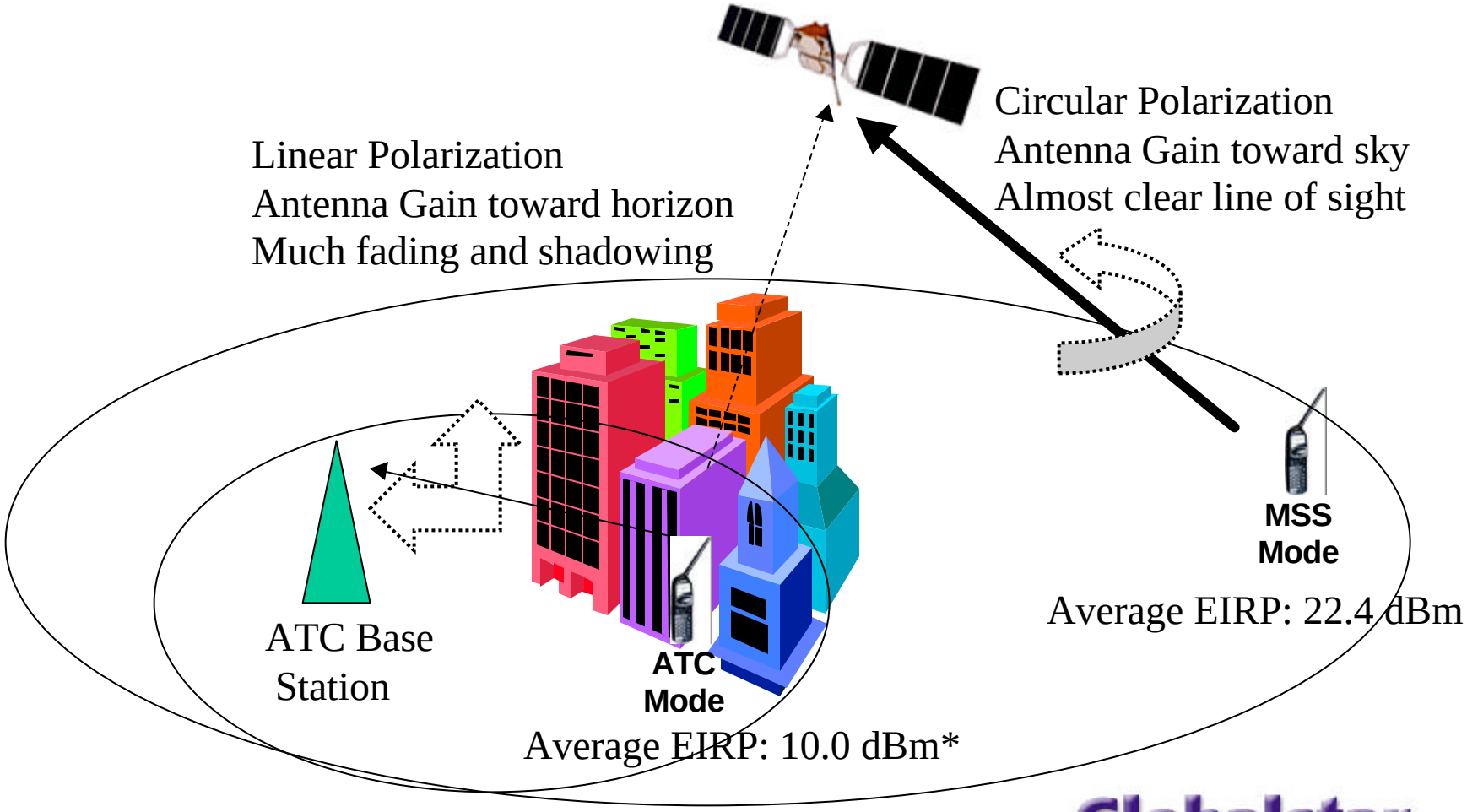
ATC CAPACITY

IB Docket No. 01-185

June 28, 2002

Globalstar

MSS/ATC Uplink Capacity Radio Link Factors



* The CDMA Developers Group validates various parameters through the users group. The average power from an IS-95 MS is 10 dBm. See www.cdg.org

Globalstar

490 ATC Calls Equals 60 MSS Calls at Satellite Receiver

Difference Between MSS and ATC Radio Link Factors		
Average EIRP	12.4	dB
Polarization Mismatch	3.0	dB
Antenna Gain Toward Satellite	1.0	dB
Propagation Losses Toward Satellite*	10.5	dB
Total	26.9	dB
MSS to ATC Factor	490	scaler

***** Based upon the "Hata" model which is given in ITU-R Recommendation P529-3

Globalstar

Operational Capacity Factors

- Globalstar system supports about 60 simultaneous calls per channel
  - Capacity assumes adjacent channel interference and adjacent beam interference
- The average number of beams covering CONUS ATC sites is 4
- 60 x 4 = 240 simultaneous MSS calls per channel in beams with ATC sites

Globalstar supports 3.9 million ATC subscribers

- 240 MSS calls in CONUS x 490 ATC calls per MSS call = 117,600 simultaneous ATC calls
- Assuming cellular offered load of 30 milliErlangs*
  - 117,600 X 1/0.03 = 3,920,000 subscribers

- Globalstar supports 3.9 million ATC subscribers with no loss in MSS service in adjacent beams or adjacent channels

* "Cellular Radio - Principles and Design" by R.C. V. Macario, McGraw-Hill, New York, 1993, pp. 200-201

Globalstar